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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN
LANDSCAPE-GARDENING;

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. V.

THE PLATES FROM MAGNOLIA*CEÆ* TO LEGUMINO*SÆ* INCLUSIVE.

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CONTENTS.

LIST OF THE PORTRAITS OF TREES FORMING VOL. V., SYSTEMATICALLY ARRANGED.

The names, scientific and English, of all the trees included in the plates forming Vols. V. VI. VII. and VIII., will be found systematically arranged in the General Contents in Vol. I., and alphabetically arranged at the end of Vol. VIII.

The number on the left hand merely shows the series; that on the right extremity of the column, in parenthesis, is the number printed on the plate; and the number preceding it refers to that page of the body of the work where the tree is treated of.

MAGNOLIA'CEÆ. (MAGNOLIAS.)

Text in Vol. I.

1. Magnòl*ia* grandiflòra - p. 261. (1.)
   Brentford Nursery. *Miss Eliza Ronalds.*
2. M. g. exoniénsis - p. 261. (3.)
   The Chiswick Villa. *Miss M. L.*
3. M. glaúca - - p. 267. (4.)
   Mile End Nursery. *R. Varden.*
4. M. gl. Thompsoni*ana* - p. 267. (5.)
   Mile End Nursery. *R. Varden.*
5. M. tripétala - p. 269. (6.)
   Mile End Nursery. *R. Varden.*
6. M. macrophýlla - p. 271. (7.)
   The Chiswick Villa. *Miss M. L.*
7. M. acuminàta - p. 273. (10.)
   Messrs. Loddiges, Hackney. *R. Varden.*
8. M. acuminàta, full-grown tree - (9*a*.)
   Duke of Northumberland, Syon. *G.R. Lewis.*
9. M. cordàta - - p. 275. (11.)
   Messrs. Loddiges, Hackney. *R. Varden.*
10. M. auriculàta - p. 276. (8.)
    Messrs. Loddiges, Hackney. *R. Varden.*
11. M. (a.) pyramidàta - p. 277. (9.)
    Messrs. Loddiges, Hackney. *R. Varden.*
12. M. conspícua - p. 278. (12.)
    Mile End Nursery. *R. Varden.*
13. Liriodéndron Tulipífera (Tulip Tree) p. 284. (13.)
    Hort. Soc. Gard. *F. Rauch.*
14. L. Tulipífera, full-grown tree (12*a*.)
    Syon House. *G. R. Lewis.*

*T*ILIA'CEÆ. (LIME TREES.)

15. *T*ília europæ'a - p. 364. (15.)
    Hort. Soc. Gard. *Miss M. L.*
16. *T.* e., full-grown tree - (8*a*.)
    Studley Park. *H. W. Jukes.*
17. *T.* (e.) platyphýlla - p. 365. (19.)
    Hort. Soc. Gard. *Miss M. L.*
18. *T.* (e.) p. mìnor - p. 365. (20.)
    Hort. Soc. Gard. *Miss M. L.*
19. *T.* (e.) laciniàta - p. 366. (21. or 22.)
    Hort. Soc. Gard. *Miss M. L.*
20. *T.* (e.) parvifòlia aúrea p. 366. (25.)
    Hort. Soc. Gard. *Miss M. L.*
21. *T.* (e.) álba (syn. argéntea) - p. 372. (18.)
    Hort. Soc. Gard. *Miss M. L.*
22. *T.* americàna (syn. álba) p. 378. (24. or 25.)
    Hort. Soc. Gard. *Miss M. L.*
23. *T.* (a.) laxiflòra - p. 374. (23.)
    Hort. Soc. Gard. *Miss M. L.*
24. *T.* (a.) pubéscens p. 374. (22. or 27.)
    Hort. Soc. Gard. *Miss M. L.*

*A*CERA'CEÆ. (MAPLES AND SYCAMORES.)

25. *A*'cer tatáricum - p. 406. (26.)
    Hort. Soc. Gard. *Miss M. L.*
26. *A.* spicàtum - p. 406. (30.)
    Hort. Soc. Gard. *Miss M. L.*
27. *A.* striàtum - p. 407. (28.)
    Hort. Soc. Gard. *Miss M. L.*
28. *A.* macrophýllum - p. 408. (34.)
    Hort. Soc. Gard. *Miss M. L.*
29. *A. p*latanöìdes - p. 408. (35.)
    Hort. Soc. Gard. *Miss M. L.*
30. *A. p.* laciniàtum - p. 409. (36.)
    Hort. Soc. Gard. *Miss M. L.*
31. *A.* sacchárinum (the Sugar Maple) - p. 411. (37.)
    Hort. Soc. Gard. *Miss M. L.*
32. *A.* Pseùdo-*P*látanus (Common Sycamore) - - p. 414. (33.)
    Hort. Soc. Gard. *Miss M. L.*
33. *A.* Pseùdo-*P*látanus, full-grown tree - (33*a*.)
    Studley Park. *H. W. Jukes.*
34. *A.* obtusàtum (syn. hýbridum) - p. 420. (38.)
    Hort. Soc. Gard. *Miss M. L.*

35. *A. opulifòlium* - p. 420. (31.)
Hort. Soc. Gard. *Miss M. L.*

36. *A. O'palus* - p. 420. (31*a*.)
Hort. Soc. Gard. *Miss M. L.*

37. *A.* eriocárpum - p. 423. (40.)
Hort. Soc. Gard. *Miss M. L.*

38. *A.* e., full-grown tree - (39*a*.)
Bot. Gard., Kew. *L. Martin.*

39. *A.* rùbrum - p. 424. (39.)
Hort. Soc. Gard. *Miss M. L.*

40. *A.* r., full-grown tree - (38*a*.)
Bot. Gard., Kew. *L. Martin.*

41. *A.* monspessulànum - p. 427. (27.)
Hort. Soc. Gard. *Miss M. L.*

42. *A.* m., full-grown tree - (27*a*.)
Ham House, Essex. *H. W. Jukes.*

43. *A.* campéstre (the common Maple) - p. 428. (32.)
Hort. Soc. Gard. *Miss M. L.*

44. *A.* c., full-grown tree, 4to - (32*a*.)
Studley Park. *H. W. Jukes.*

45. *A.* créticum, full-grown tree - - p. 430. (40*a*.)
Syon House, Middlesex. *G. R. Lewis.*

46. *Negúndo fraxinifòlium* (Box Elder) - p. 460. (41.)
Hort. Soc. Gard. *Miss M. L.*

47. *N. f.* críspum - p. 460. (42.)
Hort. Soc. Gard. *Miss M. L.*

ÆSCULA'CEÆ. (HORSECHESTNUTS.)

48. *Æ'sculus* Hippocástanum (the common Horsechestnut) - p. 463. (43.)
Hort. Soc. Gard. *Miss M. L.*

49. *Æ.* H., full-grown tree - (44.)
Forty Hill, Enfield. *W. J. Nesfield.*

50. *Æ.* (H.) rubicúnda (syn. cárnea) - p. 467. (46.)
Hort. Soc. Gard. *Miss M. L.*

51. Pàv*ia* rùbra (Smooth Horsechestnut) - p. 469. (48.)
Hort. Soc. Gard. *Miss M. L.*

52. P. r., full-grown tree - (48.)
Syon House. *G. R. Lewis.*

53. P. r. hùmilis péndula - p. 470. (52.)
Hort. Soc. Gard. *Miss M. L.*

54. P. flàva - p. 471. (50.)
Hort. Soc. Gard. *Miss M. L.*

55. P. f., full-grown tree - (51.)
Syon House. *G. R. Lewis.*

56. P. macrocárpa - p. 473. (52.)
Hort. Soc. Gard. *Miss M. L.*

SAPINDA'CEÆ.

57. Kölreutèr*ia* paniculàta - p. 475. (53.)
Hort. Soc. Gard. *Miss M. L.*

XANTHOXYLA'CEÆ.

58. Xanthóxylum *fraxíneum* (the Tooth-ache Tree) - p. 488. (54.)
Hort. Soc. Gard. *H. Le Jeune.*

59. *Ptèlea* trifoliàta - p. 489. (55.)
Hort. Soc. Gard. *Miss M. L.*

60. *Ailántus* glandulòsa - p. 490. (56.)
Hort. Soc. Gard. *Miss M. L.*

61. *A.* g., full-grown tree - (55*a*.)
Syon House. *G. R. Lewis.*

CELASTRA'CEÆ. (SPINDLE TREES.)

Text in Vol. II.

62. *Euónymus* europæ'us - p. 496. (57.)
Hort. Soc. Gard. *Miss M. L.*

63. *E.* latifòlius - p. 498. (58.)
Hort. Soc. Gard. *Miss M. L.*

AQUIFOLIA'CEÆ. (HOLLIES.)

64. *Ilex Aquifòlium* - p. 505. (59.)
Bayswater. *H. Le Jeune.*

65. *I. A.*, full-grown tree - (59*a*.)
Studley Park. *H. W. Jukes.*

66. *I.* opàca - p. 516. (60.)
Messrs. Loddiges. *Miss M. L.*

67. *I.* opàca, full-grown tree - (59*b*.)
Syon House. *G. R. Lewis.*

RHAMNA'CEÆ. (BUCKTHORNS.)

68. *Paliùrus* aculeàtus (Christ's Thorn) - p. 527. (61.)
Hort. Soc. Gard. *Miss M. L.*

69. *P.* a., full-grown tree - (60*b*.)
Syon House. *G. R. Lewis.*

70. *Rhámnus* cathárticus (Purging Buckthorn) p. 531. (62.)
Hort. Soc. Gard. *Miss M. L.*

71. *R.* alpìnus - p. 536. (62*c*.)
Hort. Soc. Gard. *Miss M. L.*

72. *R.* Frángula (Berry-bearing Alder) - p. 537. (62*a*.)
Hort. Soc. Gard. *Miss M. L.*

73. *R.* latifòlius - p. 538. (62*b*.)
Hort. Soc. Gard. *Miss M. L.*

HOMALINA'CEÆ.

74. Aristotèl*ia Mácqui* - p. 543. (63.)
Fulham Nursery. *H. W. Jukes.*

LEGUMINO'SÆ.

75. *Sophòra* japónica - p. 563. (64.)
Hort. Soc. Gard. *Miss M. L.*

76. *S.* j., full-grown tree, 4to - (63*a*.)
Syon House. *G. R. Lewis.*

77. *S.* j. péndula - p. 564. (65.)
Hort. Soc. Gard. *Miss M. L.*

78. Virgíl*ia* lùtea - p. 565. (66.)
Hort. Soc. Gard. *Miss M. L.*

79. *Cytisus Labúrnum* (the common Laburnum, or Pea Tree) - p. 590. (67.)
Hort. Soc. Gard. *Miss M. L.*

80. *C. L. quercifòlium* (syn. incìsum) - p. 590. (68.)
Hort. Soc. Gard. *Miss M. L.*

81. *C.* alpìnus (Scotch Laburnum) - - p. 591. (70.)
Hort. Soc. Gard. *Miss M. L.*

82. *C.* a. péndulus - p. 591. (70*a*.)
Messrs. Loddiges. *H. Le Jeune.*

83. Robín*ia* Pseud-*Acàcia* (Common Acacia, or Locust) - p. 609. (71.)
Hort. Soc. Gard. *Miss M. L.*

84. R. P.-*A.*, full grown tree - 71.*
Kenwood. *W. J. Nesfield.*

85. R. P.-*A.* umbraculífera p. 610. (71*a*.)
Bayswater. *H. Le Jeune.*

86. R. P.-*A.* tortuòsa - p. 610. (72.)
Hort. Soc. Gard. *H. Le Jeune.*

87. R. viscòsa - - p. 626. (73.)
Hort. Soc. Gard. *Miss M. L.*

88. R. híspida macrophýlla (Large-leaved Rose Acacia) - - p. 628. (73*a*.)
Hort. Soc. Gard. *H. Le Jeune.*

89. *Caragàna* arboréscens (the Siberian Pea Tree) - - p. 629. (75.)
Hort. Soc. Gard. *Miss M. L.*

90. Gledítsch*ia* triacánthos (the Three-thorned Acacia) - - p. 650. (76.)
Hort. Soc. Gard. *Miss M. L.*

91. G. t., full-grown tree - p. 650. (75*a*.)
Syon House. *G. R. Lewis.*

92. G. inérmis - p. 650. (77*b*.)
Hort. Soc. Gard. *Miss M. L.*

93. G. i., full-grown tree - (76*a*.)
Syon House. *G. R. Lewis.*

94. G. sinénsis (syn. hórrida) p. 654. (78.)
Hort. Soc. Gard. *H. Le Jeune.*

95. G. (s.) japónica - p. 654. (80.)
Messrs. Loddiges. *H. Le Jeune.*

96. G. (s.) nàna - p. 654. (80.)
Messrs. Loddiges. *H. Le Jeune.*

97. G. (s.) purpùrea - p. 654. (78*b*.)
Messrs. Loddiges. *H. Le Jeune.*

98. G. (s.) macracántha - p. 654. (78.)
Messrs. Loddiges. *H. Le Jeune.*

99. Gymnócladus canadénsis (Kentucky Coffee Tree) p. 656. (82*a*.)
Hort. Soc. Gard. *Miss M. L.*

100. G. c., full-grown tree - (82.)
Syon House. *G. R. Lewis.*

101. *C*ércis *S*iliquástrum (the Judas Tree) p. 657. (83.)
Hort. Soc. Gard. *Miss M. L.*

102. *C. S.*, full-grown tree - (82*b*.)
Syon House. *G. R. Lewis.*

103. *C.* canadénsis - p. 659. (83.)
Hort. Soc. Gard. *Miss M. L.*

104. *A*càcia dealbàta - p. 666. (74.)
Hort. Soc. Gard. *Miss M. L.*

LIST OF PLATES IN VOL. V., ALPHABETICALLY ARRANGED.

The Roman numerals refer to the volumes of the text where the species is treated of.

*A*càcia dealbàta - - II. p. 666. (74.)
Acacia, False. See Robín*ia*.
*A*cer campéstre (the common Maple) I. p. 428. (32.)
A. c., full-grown tree, 4to - (32*a*.)
A. créticum, full-grown tree I. p. 430. (40*a*.)
A. eriocárpum - - I. p. 423. (40.)
A. e., full-grown tree - - (39*a*.)
A. macrophýllum - I. p. 408. (34.)
A. monspessulànum - - I. p. 427. (27.)
A. m., full-grown tree - - (27*a*.)
A. (hýbridum) obtusàtum - I. p. 420. (38.)
A. O'palus - - I. p. 420. (31*a*.)
A. opulifòlium - - I. p. 420. (31.)
A. platanöìdes - - I. p. 408. (35.)
A. p. laciniàtum - - I. p. 409. (36.)
A. Pseùdo-*P*látanus (the common Sycamore) - I. p. 414. (33.)
A. Pseùdo-*P*látanus, full-grown tree (33*a*.)
A. rùbrum - - I. p. 424. (39.)
A. r., full-grown tree - - I. (38*a*.)
A. sacchárinum (the Sugar Maple) - I. p. 411. (37.)
A. spicàtum - - - I. p. 406. (30.)
A. striàtum - - - I. p. 407. (28.)
A. tatáricum - - - I. p. 406. (26.)
*Æ*sculus Hippocástanum (the Horsechestnut) I. p. 463. (43.)
Æ. H., full-grown tree - - (44.)
Æ. H. (cárnea) rubicúnda I. p. 467. (46.)
Ailántus glandulòsa - - I. p. 490. (56.)
A. g., full-grown tree - - (55*a*.)
Aristotèl*ia Mácqui* - - II. p. 543. (63.)
Berry-bearing Alder. See *R*hámnus Frángula.
Box Elder. See *Negúndo*.
Buckthorn. See *R*hámnus.
Caragàna arboréscens (the Siberian Pea Tree) - II. p. 629. (75.)
*C*ércis canadénsis - - II. p. 659. (83.)
C. Siliquástrum (the Judas Tree) - - II. p. 657. (83.)
C. S., full-grown tree - - - (82*b*.)
*C*ytisus alpìnus - - II. p. 591. (70.)
C. a. péndulus - - II. p. 591. (70*a*.)
Christ's Thorn. See *P*aliùrus.

C. Labúrnum (the Laburnum, or Pea Tree) — II. p. 590. (67.)
C. L. (incìsum) *quercifòlium* — II. p. 590. (68.)
Euónymus europæ'us (the Spindle Tree) — II. p. 496. (57.)
E. latifòlius — II. p. 498. (58.)
Gledítsch*ia* inérmis — II. p. 650. (77*b*.)
G. i., full-grown tree — (76*a*.)
G. (sinénsis) hórrida — II. p. 654. (78.)
G. (s.) japónica — II. p. 654. (80.)
G. (s.) macracántha — II. p. 654. (78.)
G. (s.) nàna — II. p. 654. (80.)
G. (s.) purpùrea — II. p. 654. (78*b*.)
G. triacánthos (the Three-thorned Acacia) — II. p. 650. (76.)
G. t., full-grown tree — II. p. 650. (75*a*.)
Gymnócladus canadénsis (the Kentucky Coffee Tree) — II. p. 656. (82*a*.)
G. c., full-grown tree — (82.)
Holly. See *Ílex*.
Horsechestnut. See *Æ'sculus*.
Ílex Aquifòlium (the Holly) — II. p. 505. (59.)
I. A., full-grown tree — (59*a*.)
I. opàca — II. p. 516. (60.)
I. o., full-grown tree — (59*b*.)
Judas Tree. See *Cércis*.
Kentucky Coffee Tree. See Gymnócladus.
Kölreutèr*ia* paniculàta — I. p. 475. (53.)
Labúrnum. See *Cýtisus Labúrnum*.
Lime Tree. See *Tília*.
Locust. See Robín*ia*.
Liriodéndron Tulipífera (the Tulip Tree) — I. p. 284. (13.)
L. T., full-grown tree — (12*a*.)
Magnòl*ia* acuminàta — I. p. 273. (10.)
M. a., full-grown tree — (9*a*.)
M. auriculàta — I. p. 276. (8.)
M. glaúca — I. p. 267. (4.)
M. g. Thompsoni*àna* — I. p. 267. (5.)
M. conspícua — I. p. 278. (12.)
M. cordàta — I. p. 275. (11.)
M. grandiflòra — I. p. 261. (1.)
M. g. exoniénsis — I. p. 261. (3.)
M. macrophýlla — I. p. 271. (7.)
M. (a.) pyramidàta — I. p. 277. (9.)
M. tripétala — I. p. 269. (6.)
Maple. See *Á'cer*.
Negúndo fraxinifòlium (the Box Elder) — I. p. 460. (41.)
N. f. críspum — I. p. 460. (42.)
Paliùrus aculeàtus (Christ's Thorn) — II. p. 527. (61.)
P. a., full-grown tree — (60*b*.)
Pàv*ia* flàva — I. p. 471. (50.)
P. f., full-grown tree — (51.)
P. macrocárpa — I. p. 473. (52.)
P. rùbra — I. p. 469. (48.)
P. r., full-grown tree — (48.)
P. r. hùmilis péndula — I. p. 470. (52.)
Pea Tree. See *Cýtisus*.
Purging Buckthorn. See *Rhámnus cathárticus*.
Rhámnus alpìnus — II. p. 536. (62*c*.)
R. cathárticus (the Purging Buckthorn) — II. p. 531. (62.)
R. Frángula (the Berry-bearing Alder) — II. p. 537. (62*a*)
R. latifòlius — II. p. 538. (62*b*.)
Robín*ia* híspida macrophýlla (the large-leaved Rose Acacia) — II. p. 628. (73*a*.)
R Pseùd-*Acàcia* (Common Acacia, or Locust) — II. p. 609. (71.)
R. P. *A.*, full-grown tree, 4to — II. 71.*
R. P. *A.* tortuòsa — II. p. 610. (72.)
R. P. *A.* umbraculífera — II. p. 610. (71*a*.)
R. viscòsa — II. p. 626. (73.)
Rose Acacia. See Robín*ia* híspida.
Scotch Laburnum. See *Cýtisus alpìnus*.
Siberian Pea Tree. See *Caragàna*.
Sophòra japónica — II. p. 563. (64.)
S. j., full-grown tree, 4to — (63*a*.)
S. j. péndula — II. p. 564. (65.)
Spindle Tree. See *Euónymus*.
Sugar Maple. See *Á'cer* saccharínum.
Sycamore. See *Á'cer* Pseùdo-*Plátanus*.
Tília (e.) álba (argéntea) — I. p. 372. (18.)
T. americàna — I. p. 373. (24. or 25.)
T. (e.) aúrea — I. p. 366. (25.)
T. europæ'a (the common Lime Tree) — I. p. 364. (15.)
T. e., full-grown tree — (8*a*.)
T. (e.) laciniàta — I. p. 366. (21. or 22.)
T. (a.) laxiflòra — I. p. 374. (23.)
T. (e.) platyphýlla — I. p. 365. (19.)
T. (e.) p. mìnor — I. p. 365. (20.)
T. (a.) pubéscens — I. p. 374. (22. or 27.)
Three-thorned Acacia. See Gledítsch*ia*.
Toothache Tree. See Xanthóxylum.
Tulip Tree. See Liriodéndron.
Virgília lùtea — II. p. 565 (66.)
Xanthóxylum *fraxíneum* (the Toothache Tree) — I. p. 488. (54.)

Magnòlia grandiflòra.
The large-flowered *evergreen* Magnolia.

Magnòlia grandiflora exoniénsis.
The large-flowered *evergreen* Exeter Magnolia.

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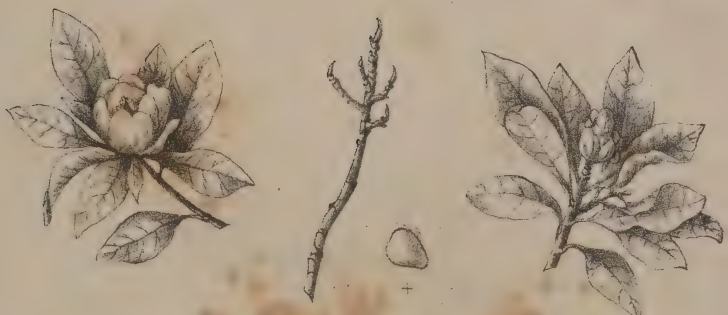
Magnòlia glaúca.
The glaucous-*leaved deciduous* Magnolia.



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Magnòlia glaúca Thompsoniàna.

Thompsons glaucous-*leaved deciduous* Magnolia.

Painted from Nature by W. Hooker.

Magnòlia tripétala.

The three-petaled-*flowered deciduous* Magnolia.

Printed from Zinc by Lay & Haghe

Magnòlia macrophýlla.
The large-leaved *deciduous* Magnolia.

Magnòlia acuminàta.

The pointed-*leaved deciduous* Magnolia.

Printed from Zinc by Day & Haghe.

Magnòlia acuminàta.

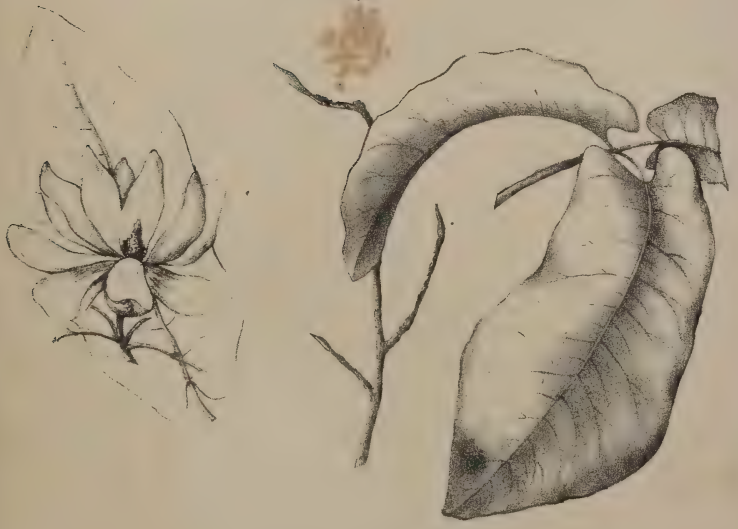
The pointed-*leaved* Magnolia.

Full-grown tree at Syon; 49 ft. high; diam. of the trunk, 3 ft.; and of the head, 48 ft.
[Scale 1 in. to 12 ft.]

Magnòlia cordàta.
The heart-shaped-*leaved deciduous* Magnolia.

Printed from Zinc by Day & Haghe.

Magnòlia auriculàta.
The ear-leaved *deciduous* Magnolia.



Printed from Nature by De la Haghe

Magnòlia pyramidàta.

The pyramidal *deciduous* Magnolia.

Printed from Zinc, by Day & Haghe

Magnòlia conspícua.

The conspicuous-*flowered deciduous* Magnolia.

II. A.

Liriodéndron Tulipífera.

The Tulip tree.

Printed from Zinc by Day & Haghe.

Liriodéndron Tulipífera.

The tulip-bearing Liriodendron, *or the Tulip tree.*

Full-grown tree at Syon, 76 ft. high.
[Scale 1 in. to 12 ft.]

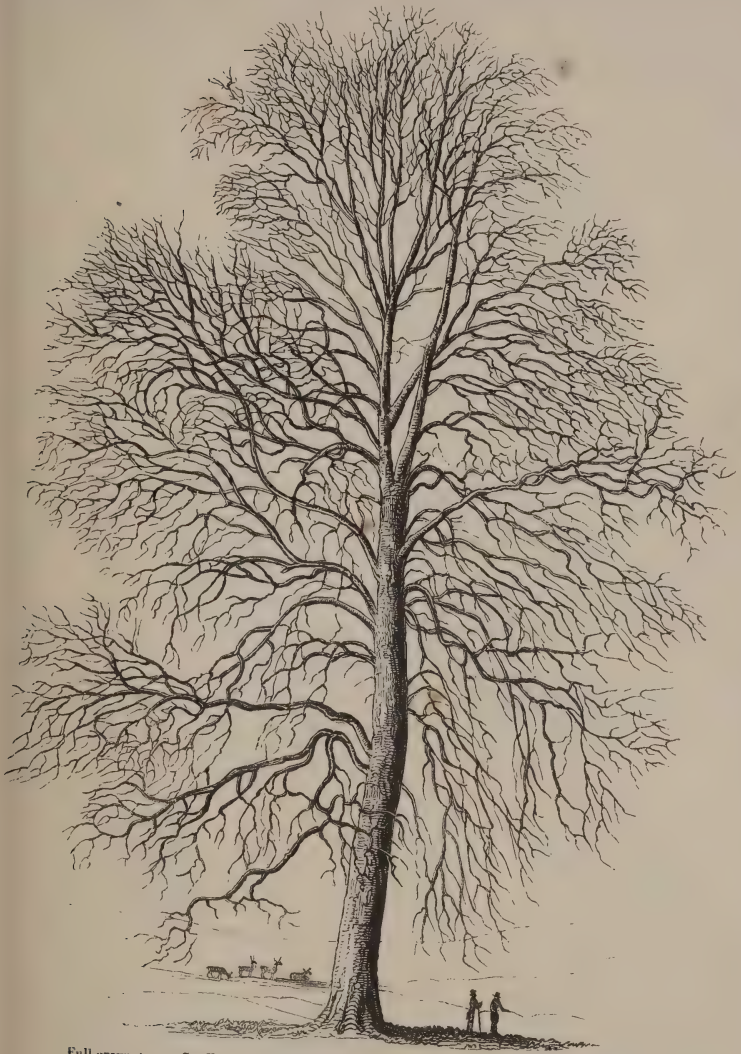
Tília europæ'a.

The European, *or common,* Lime Tree.

Printed from Zinc by Day & Haghe

Tilia europæa.

The European, *or common,* Lime tree.



Full-grown tree at Studley Park, 125 ft. high; diam. of the trunk, 6 ft.; and of the head, 75 ft.
[Scale 1 in. to 24 ft.]

Tília platyphýlla.

The broad-leaved Lime tree.

Printed from Zinc by Day & Haghe.

Tília platyphýlla mìnor.
The smaller broad-leaved Lime tree.

Printed from Zinc by Day & Hagne.

Tília platyphýlla laciniàta.

The laciniated broad-leaved Lime tree.

Printed from Zinc by Bay & Hagh.

Tilia parvifolia aurea.

The small-leaved golden-*twigged* lime tree.

Printed from Zinc by Day & Haghe

Tília argéntea.
The silvery-*leaved* Lime tree.

Printed from Zinc by Day & Hughes

Tília álba.

The white-*leaved* Lime tree

Printed from Zinc by Day & Haghe

Tília laxiflòra.

The loose-flowered Lime tree

Printed from Zinc by Day & Son

III. H

Tília pubéscens

The downy-*leaved* Lime tree

Printed from Zinc by Day & Haghe.

IV A.

Acer tatáricum.

The Tartarian Maple.

Acer spicàtum.
The spike-*flowered* Maple.

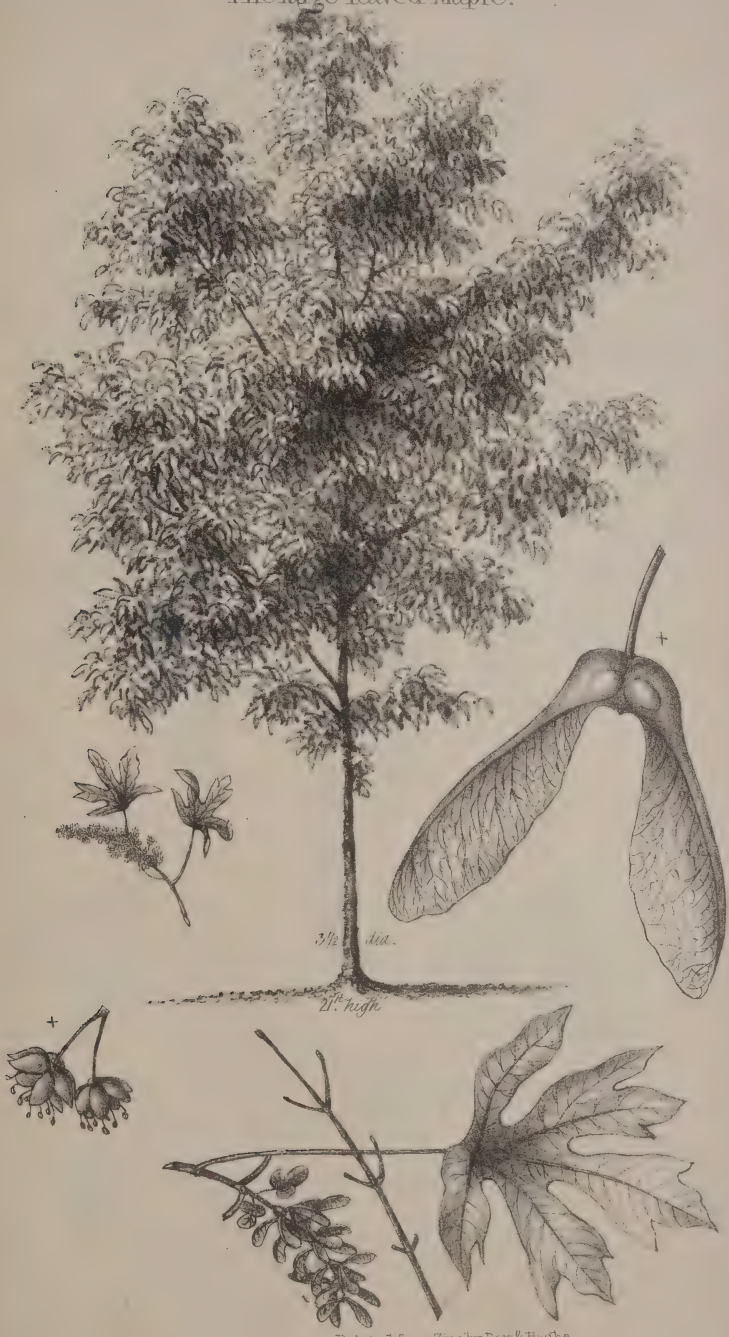
Printed from Family Lines & Engd.

Acer striàtum.

The striped-*barked* Maple.

Acer macrophyllum.

The large-leaved Maple.



Printed from Zinc by Day & Haghe.

Acer platanöides.
The Platanus-like Maple.

Printed from Zinc by Day & Haghe

A`cer platanöides laciniàtum
The cut-*leaved* Platanus-like Maple.

IV.M.

A`cer *sacchárinum*.

The sugar Maple.

Printed from Zinc by Day & Haghe

Acer *Pseudo-Platanus*.

The *Sycamore*, or Bastard Plane tree Maple.

Acer *Pseùdo*-P*látanus*.

The false Platanus, *or common* Sycamore.

Full-grown tree at Studley, 100 ft. high; diam. of the trunk, 8 ft. 1 in.; and of the head, 91 ft.
[Scale 1 in. to 24 ft.]

Acer hybridum.
The hybrid Maple.

Acer opulifolium.

The Guelder-Rose-leaved Maple.

Acer Opulus.

The Guelder-rose-*like* Maple.

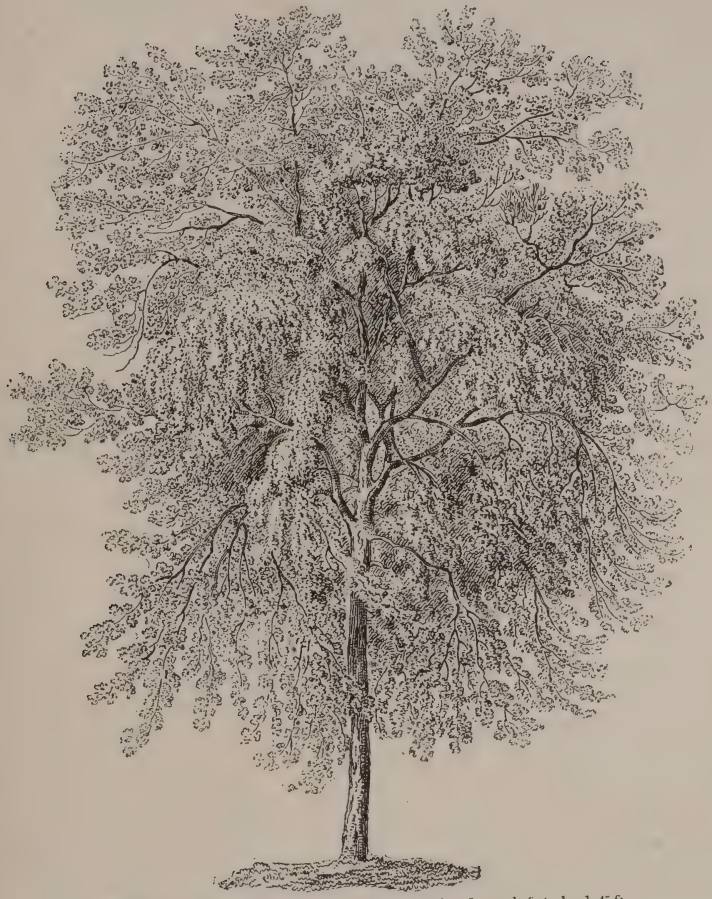
10 ft. high. 2½ in. diam.

Acer eriocárpum.
The woolly-fruited Maple.

Printed from Zinc by Day & Haghe

Acer eriocárpon.

The woolly-fruited Maple.



Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 3 ft.; and of the head, 45 ft.
[Scale 1 in. to 12 ft.]

IV. o.

Acer rúbrum.

The red-*flowered* Maple.

Printed from Zinc by Day & Haghe.

Acer rùbrum.

The Red, *or Swamp* Maple.

Full grown tree at Kew, 36 ft. high; diam. of the trunk, 2½ ft; and of the head, 30 ft.
[Scale 1 in. to 12 ft.]

Acer monspessulànum.
The Montpelier Maple.

Printed from Zinc by Day & Haghe

Acer monspessulànum.

The Montpelier Maple.

Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk, 1½ ft.
[Scale 1 in. to 12 ft.]

Acer campéstre.

The common, or field, Maple.

Acer *campéstre.*

The *common, or* field Maple.

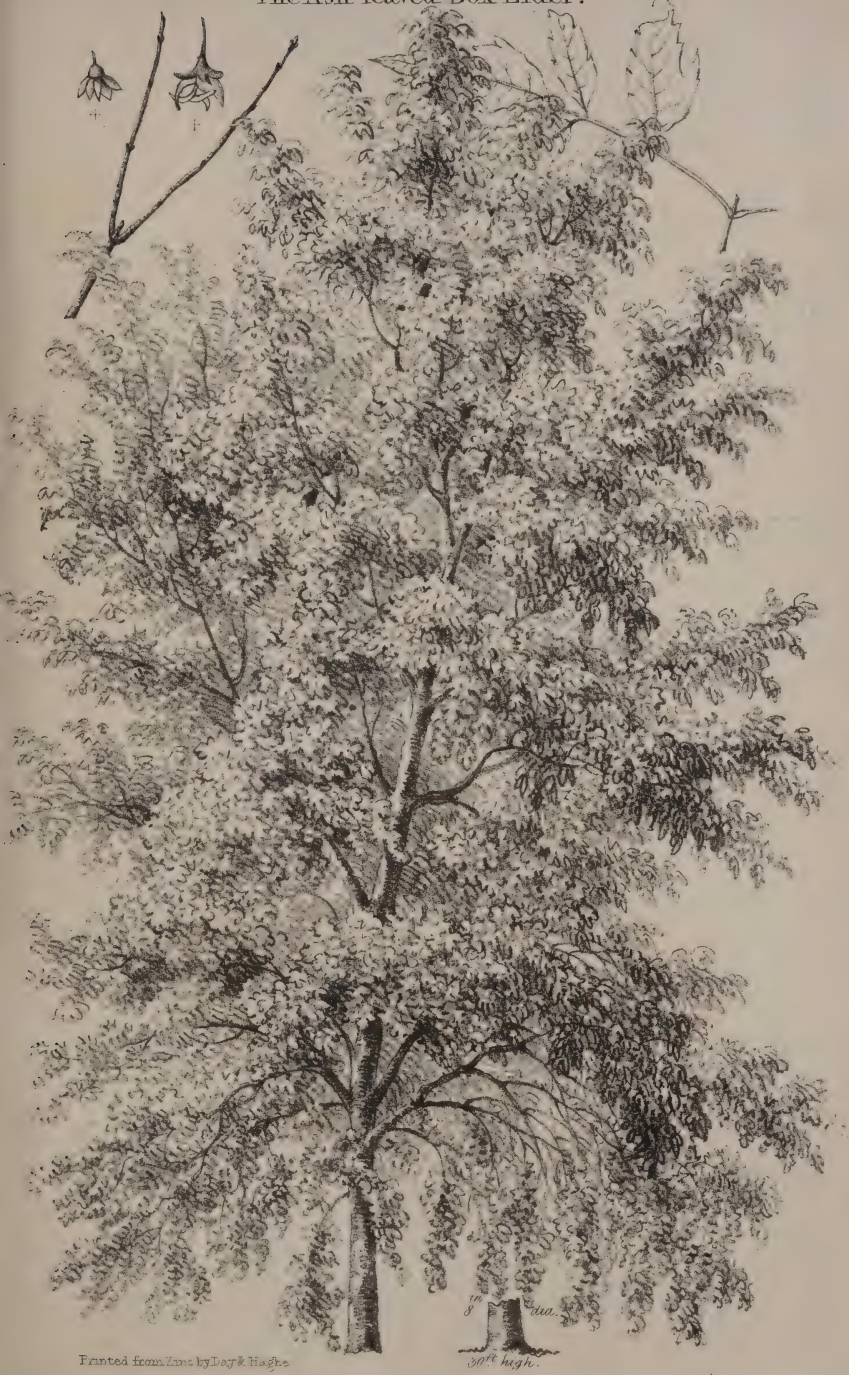
Full-grown tree at Studley Park, 70 ft. high; diam. of the trunk, 5½ ft.; and of the head, 58 ft.
[Scale 1 in. to 12 ft.]

Acer créticum.

The Cretan Maple.

Full grown tree at Syon, 28 ft. high; diam. of the trunk, 2½ ft. and of the head, 48 ft.
[Scale 1 in. to 12 ft.]

Negúndo *fraxinifólium*.
The Ash-leaved Box Elder.



Printed from Zinc by Day & Haghe

Negúndo *fraxinifólium crispum.*
The curled Ash-leaved Box Elder.

Printed from Nature by Day & Haghe

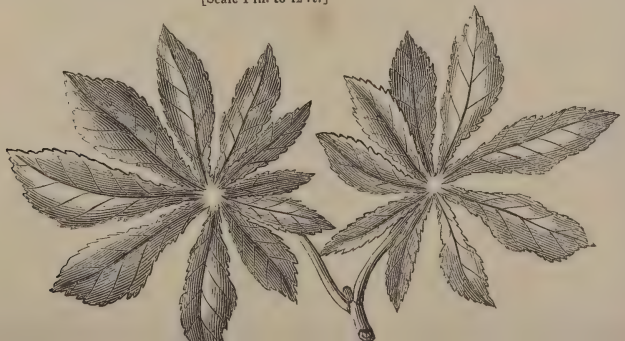
Æ'sculus Hippocástanum.
The *common* Horsechestnut.

Printed from Zinc by Day & Haghe.

Æsculus Hippocástanum.

The *common* Horse-Chestnut.

Full-grown tree at Forty Hill, Enfield, 62 ft high; diam. of the trunk 4 ft.; and of the head, 48 ft.
[Scale 1 in. to 12 ft.]



Æ'sculus cárnea.

The flesh-coloured-*flowered* Horsechestnut.

Printed from Zinc by Day & Haghe.

Pàvia rùbra.

The red-*flowered* Pavia, *or smooth-fruited, Horse-chestnut tree.*

10 ft. high. 2½ in. diam.

Pàvia rùbra.

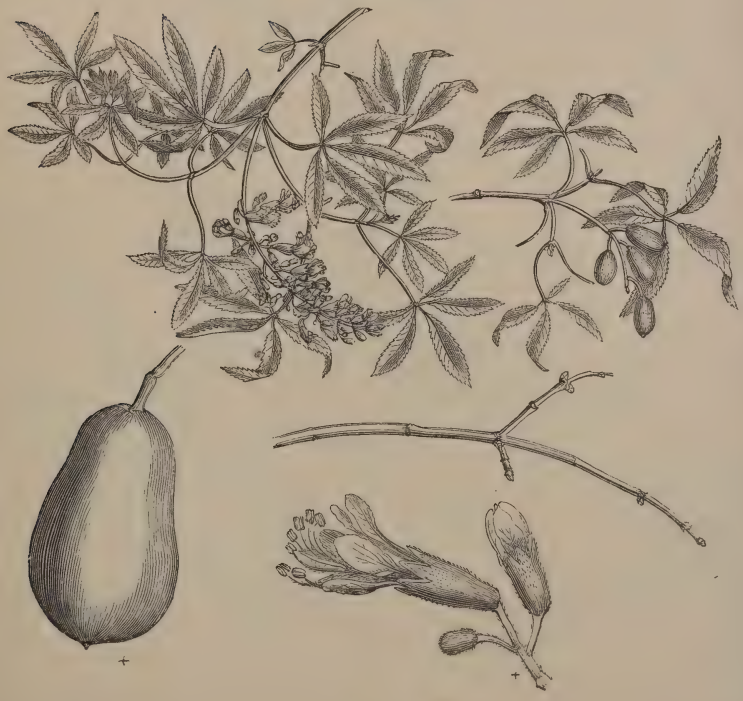
The red-*flowered* Pavia, *or smooth fruited, Horse-chestnut tree.*

Full grown tree at Syon; 26 ft. high; several small trunks from the same root head, 27 ft. diam.
[Scale 1 in. to 12 ft.]

Pàvia húmilis péndula.

The pendulous-*branched* Pavia.

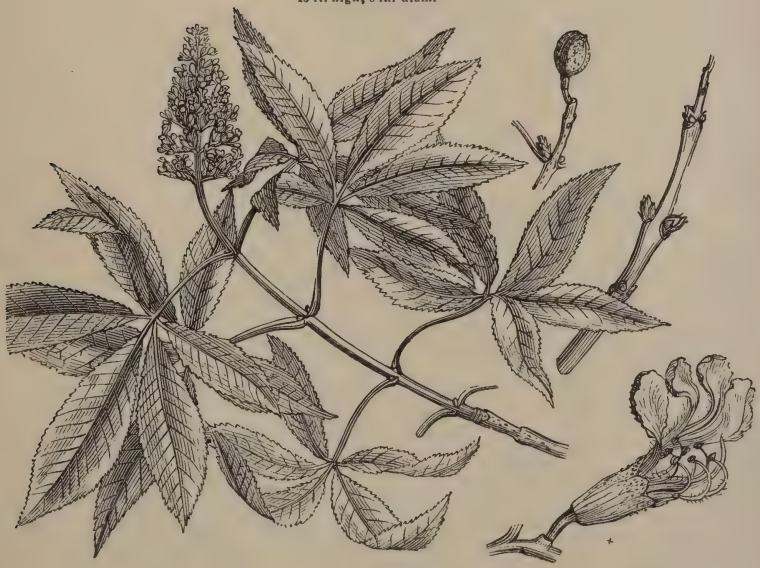
11 ft. high, 2¾ in. diam.



Pàvia flàva.

The yellow-*flowered*, Pavia, *or smooth-fruited Horse-Chestnut.*

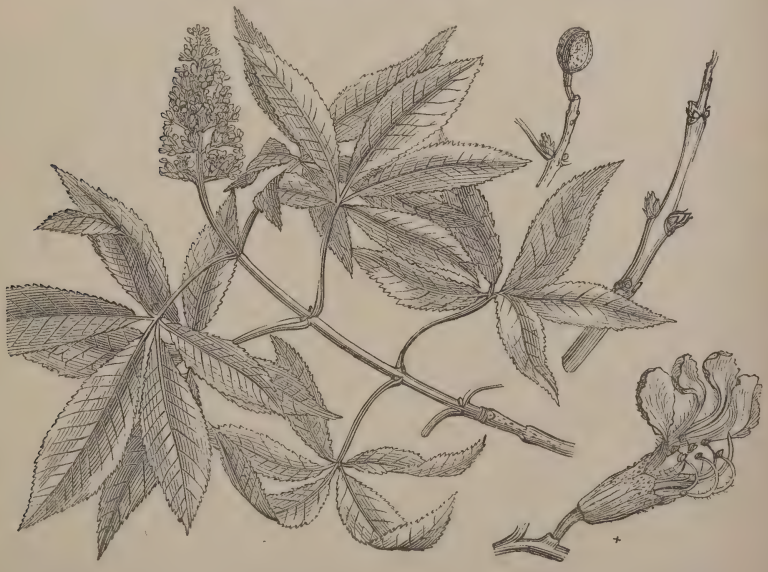
15 ft. high, 6 in. diam.



Æ'sculus (*Pàvia*) *flàva*.

The yellow-*flowered* (Pavia) Horse-chestnut.

Full-grown tree at Syon; 40 ft. high; trunk, 1 ft. 4 in. diam.; diam. of the head, 39 ft.



Pàvia macrocárpa.

The large-fruited Pavia.

13 ft. high, 3 in. diam.

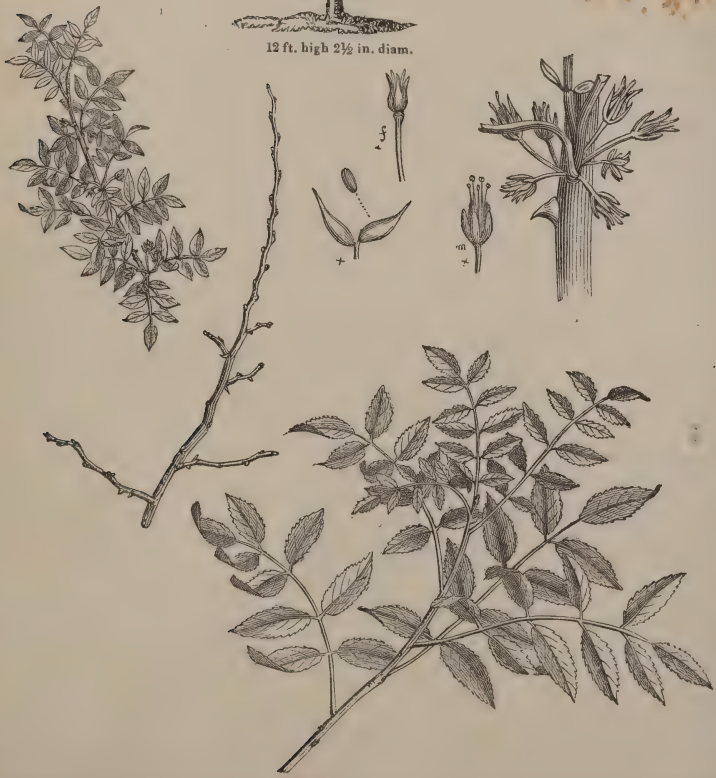
Kölreutèria paniculàta.
The panicled-*flowering* Kölreuteria.

Printed from Zinc by Day & Haghe.

Xanthóxylon fraxíneum.

The Ash-*leaved Tooth-ache Tree.*

12 ft. high 2½ in. diam.



Ptèlea trifoliàta.

The three-leafleted Shrubby Trefoil.

16½ ft. high, 2½ in. diam.

Ailántus *glandulòsa*.

The glandulous-*leaved* Ailantus.

32 ft. high, 8 in. diam.

Ailántus *glandulòsa*.

The glandulous-*leaved* Ailantus.

Full-grown tree at Syon, 71 ft. high.
[Scale 1 in. to 12 ft.]

Euónymus europæus.

The European, *or common* Spindle tree.

Printed from Lane by Dorf & Haughe

Euónymus latifólius.

The broad-leaved Spindle tree.

Printed from Zinc by Day & Haghe

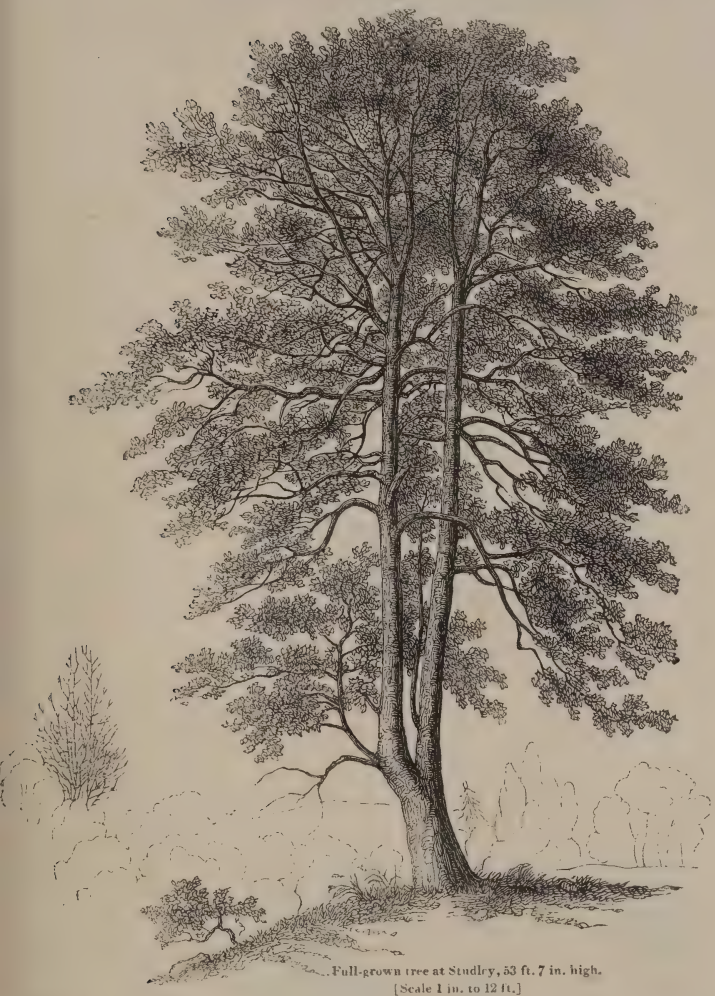
Ìlex Aquifòlium.

The sharp-leaved, *or common,* Holly.

14 ft. high, 3½ in. diam.

Ilex Aquifolium.

The sharp-leaved, *or common*, Holly.



Full-grown tree at Studley, 53 ft. 7 in. high.
[Scale 1 in. to 12 ft.]

Ilex opàca.

The opaque-*leaved* Holly.

Printed from Zinc by Day & Haghe.

Ílex opàca.

The opaque-*leaved* Holly.

Full-grown tree at Syon, 18 ft. high; diam. of the trunk, 1 ft.; and of the branches, 23 ft.
[Scale 1 in. to 12 ft.]

Paliùrus aculeàtus.
The prickly Christ's Thorn.

Printed from Zinc by Day & Haghe.

Paliùrus aculeàtus.

The prickly Paliurus, *or Christ's thorn.*

Full-grown tree at Syon; 33 ft high; diam. of the trunk, 1 ft. and of the head, 30 ft.
[Scale 1 in. to 12 ft.]

XV.A.

Rhámnus cathárticus.

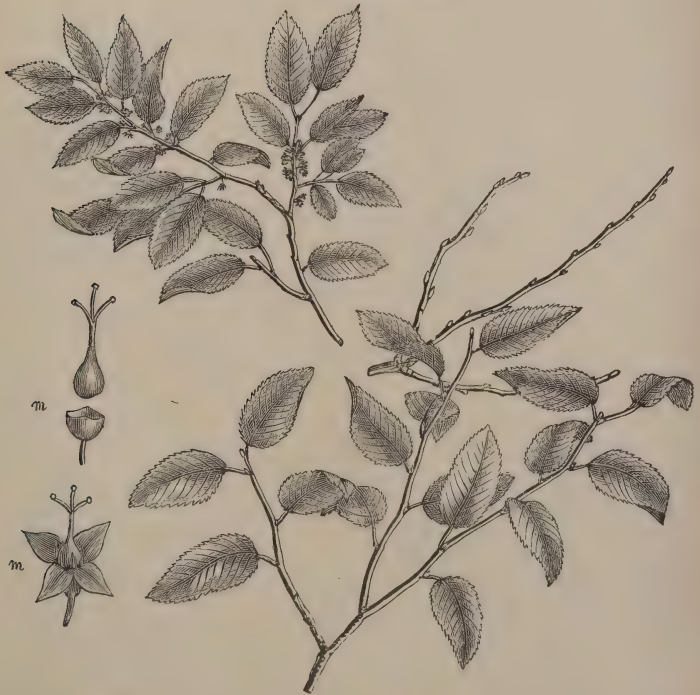
The purging Buckthorn.

Printed from Zinc by Day & Haghe

Rhámnus álpinus.

The Alpine Rhamnus, *or Buckthorn.*

11 ft. high, 3 in. diam.



Rhámnus Frángula.

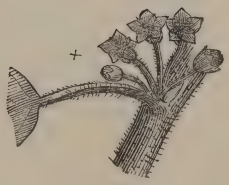
The Frangula, *or brittle-wooded,* Buckthorn.

10 ft. high, 1⅛ in. diam

Rhámnus latifòlius.

The broad-leaved Buck-thorn.

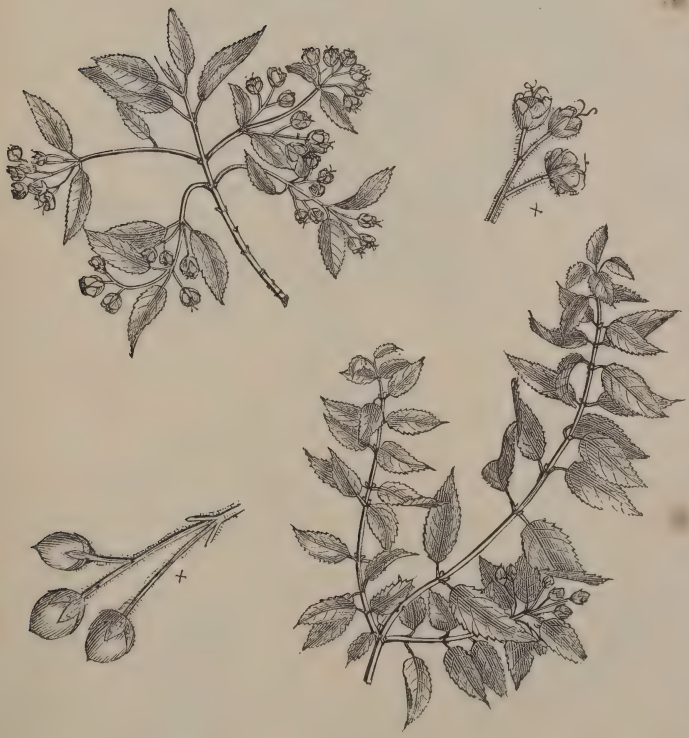
11 ft. high, 3½ in. diam.



Aristotèlia Mácqui.

The Macqui Aristotelia.

10 ft. high, 1½ in. diam.



Sophòra *japónica*.
The Japanese Sophora.

20 ft. high, 9 in. diam.

Sophora *japónica*.

The Japan Sophora.

Full-grown tree at Syon, 57 ft high; diam. of the trunk, 4½ ft.; and of the head, 84 ft.
[Scale 1 in. to 12 ft.]

Sophòra *japónica péndula*.
The drooping-*branched* Japanese Sophora.

12 ft. high, 3 in. diam.

Virgilia lutea.

The yellow-*flowered* Virgilia.

Printed from Zorg by Day & Haghe

Cytisus Laburnum.

The *common* Laburnum.

Printed from Zinc by Day & Haghe.

Cytisus Laburnum incisum.
The cut-*leaved* Laburnum.

Printed from Zinc by Day & Haghe.

Cytisus alpinus.

The alpine Cytisus, *or Scotch Laburnum.*

Printed from Zaneby Day & Haghe

Cýtisus L. *alpìnus péndulum.*

The pendulous Alpine, *or Scotch*, Laburnum.

12 ft. high, 2½ in. diam.

Robínia Pseúd-Acàcia.

The *common* Locust, *or* Bastard Acacia

Printed from Zinc by Day & Haghe.

XX. A.

Robínia Pséud-acàcia.

The false Acacia Robinia.

Full-grown tree at Kenwood, 72 ft. high.
[Scale 1 in. to 12 ft.]

Robinia Pseud-acàcia umbraculifera.

The Umbrella, or *Parasol*, False Acacia Robinia.

14 ft. high, 3 in. diam.

Robínia P*seùd*-A*càcia tortuòsa.*

The twisted-leaved Robinia *or* False Acacia.

12 ft. high, 3½ in. diam.

Robinia viscòsa.

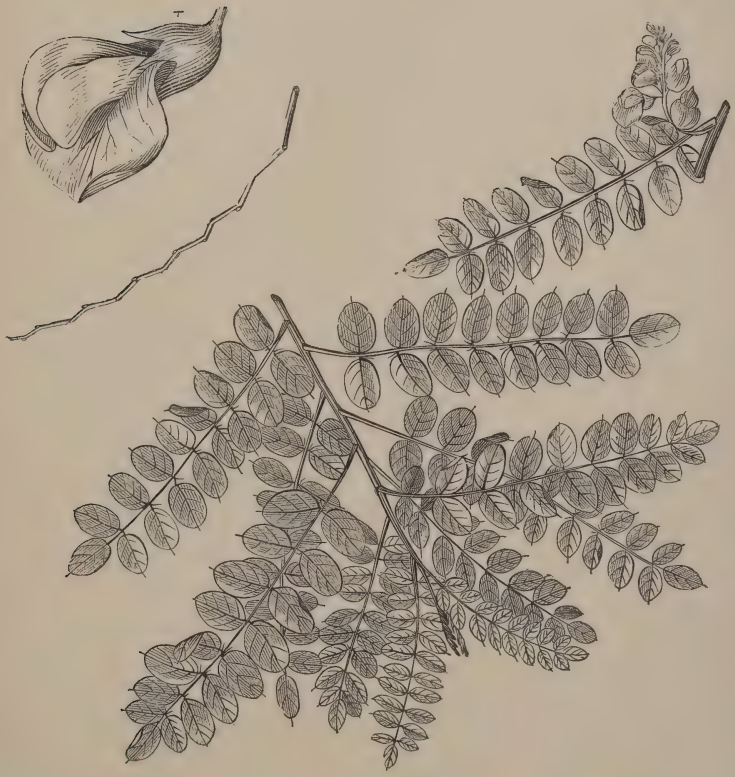
The viscid-*barked* Locust.

Printed from Zinc by Day & Haghe.

Robínia (*híspida*) *macrophýlla.*

The long-leaved Robinia, *or Rose Acacia.*

8½ ft. high, 2½ in. diam.



XXII.A

Caragána *arborescens*.

The arborescent Siberian Pea tree.

Printed from Zuncky Day & Hughes

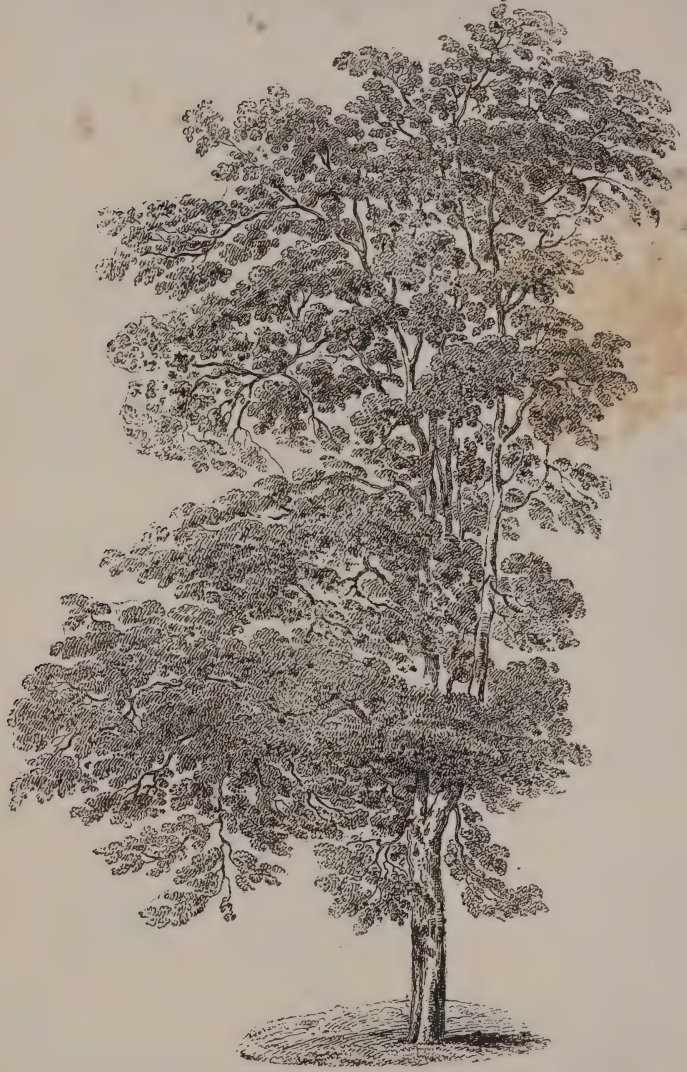
Gleditschia Triacanthos

The three-spined *Honey Locust*, or Gleditschia.

Printed from Zinc by

Gledítschia triacánthos.

The three-thorned Gleditschia, *or Honey Locust.*



Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.
[Scale 1 in. to 12 ft.]

Gledítschia (*triacánthos*) *inérmis.*

The unarmed *or thornless* Gleditschia, *or Honey Locust.*

Gledítschia inérmis.

The unarmed Gleditschia, *or Honey Locust Tree.*

Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.
[Scale 1 in. to 12 ft.]

Gledítschia *hórrida*.

The horrid-*spined* Gleditschia, *or Honey Locust.*

Full-sized tree from Syon; 54 ft. high; trunk, 3 ft. diam.; diam. of the head, 54 ft.

Gledítschia japónica.

The Japan Gleditschia.

10 ft. high, 2½ in. diam.

Gleditschia hórrida nàna.

The dwarf horrid*ly-spined* Gleditschia, *or Honey Locust.*

Gleditschia hórrida purpúrea.

The purple horridly-*spined* Gleditschia, *or Honey Locust.*

12 ft. high, 2 in. diam.

Gleditschia macracántha.

The long-spined Gleditschia, *or Honey Locust.*

Full-grown tree at Syon, 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 63 ft.
[Scale 1 in. to 12 ft.]

Gymnócladus canadénsis.

The Canadian Gymnocladus, *or Kentucky Coffee tree.*

Gymnócladus canadénsis.

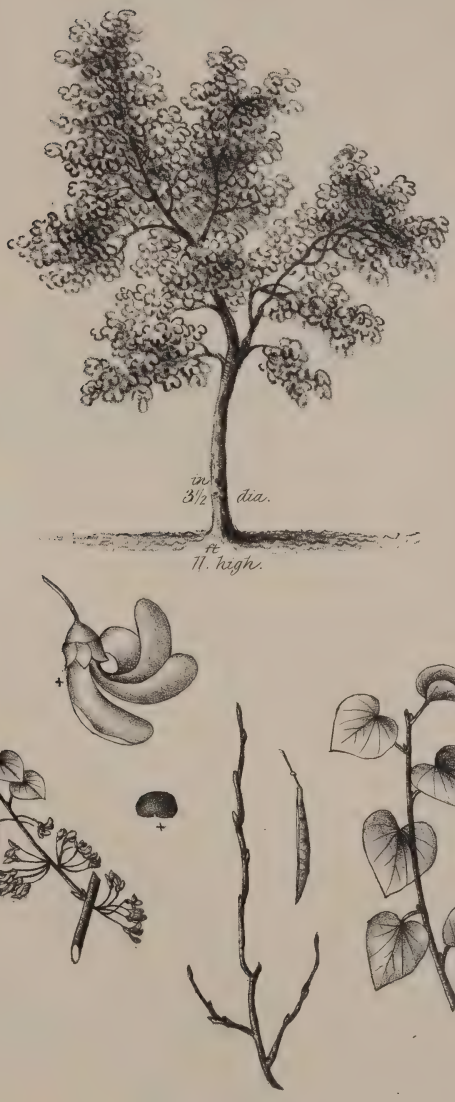
The Canadi an Gymnocladus, *or Kentucky Coffee tree.*

Full-grown tree at Syon; 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 47 ft.
[Scale 1 in. to 12 ft.]

XXV.A.

Cércis Siliquástrum.

The common Judas tree.



Printed from Zanc by Day & Haghe.

Cércis Siliquástrum.

The *common* Judas tree.

Full grown tree at Syon, 24 ft. high; diam. of the trunk, 2 ft.; and of the head, 32 ft.
[Scale 1 in. to 12 ft.]

Cércis canadénsis.

The Canadian Judas tree.

10 ft. high, 2 in. diam.

XXI.

Acàcia dealbàta.

The whitened Acacia.

Printed from Zinc by Day & Haghe.